

Exhibit A to the Complaint

Location: Philadelphia, PA

IP Address: 108.4.200.222

Total Works Infringed: 90

ISP: Verizon Internet Services

Work	Hash	Site	UTC	Published	CRO App. File Date	CRO Number
1	FB53F3EECB506F8A44A81683849E6F2D11533EA7	Vixen	01/11/2018 12:41:01	08/22/2017	09/07/2017	PA0002052852
2	01B8C563D27BC967C2ECCC1EB54F98FF1B10ED3B	Vixen	12/07/2017 15:33:51	11/30/2017	12/17/2017	16159649437
3	05D9E9EB431AEF78D0BD2E16B66F558D4839A3BC	Tushy	11/21/2017 22:44:09	08/09/2017	08/17/2017	15732986259
4	0C38052DA135D91590C9D84E79AC21628D9E9BB6	Tushy	01/07/2018 13:48:52	09/23/2017	10/02/2017	15893930182
5	0E8E209875C3E0DCC30C78F84355DFEEEF0A5B63	Vixen	09/22/2017 17:43:39	09/21/2017	09/28/2017	15894022962
6	0F35B475E5AA4FFC774BBB038AEDBD8FF112F9E9	Blacked	10/30/2017 17:39:28	04/15/2017	06/15/2017	PA0002037563
7	0F4CB5BFE31D785D0469C73F83F7CEB7AF0E1F9B	Blacked	01/07/2018 17:15:16	11/06/2017	11/15/2017	16013342719
8	14D2C680AA1DD5543C0413431AA079A985B0DC73	Blacked	10/30/2017 17:04:21	10/02/2017	10/10/2017	15894022390
9	15767B4CF1BDB5ADD8DC3544393A9C265AFAA5B5	Blacked	12/21/2017 16:37:49	12/16/2017	01/18/2018	16215824182
10	178021C9DC2441D9E97B96296C98C30D055D9B56	Vixen	08/26/2017 08:39:18	08/02/2017	08/17/2017	15732903934
11	1A032CB38BB2AF87DAF2B239A1A17B6C713EBC26	Blacked	08/10/2017 12:05:41	08/03/2017	08/17/2017	15732904092
12	1AAD40B9C28B70D2156BCD7912A2F284C11F634D	Vixen	11/20/2017 02:33:24	08/17/2017	08/24/2017	15894022586
13	1CFA1A2D048B2B19BAE4AA5BF782E66D34B67A63	Blacked	12/02/2017 01:37:30	11/26/2017	01/04/2018	PA0002069346
14	1D7E521CD7368013A7F1B28494A2AC43D8F99F0E	Vixen	09/07/2017 11:34:56	09/01/2017	09/07/2017	PA0002052845
15	1E67DE039B64675913542CB2412BE54790434246	Blacked	10/30/2017 17:33:31	04/10/2017	06/15/2017	PA0002037582
16	21E262CE5356082B3CDE917564BE91B011CB1EF7	Blacked Ra	12/21/2017 16:42:40	12/18/2017	01/18/2018	16215823662

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17	22883186DAB5FCA92C8513AD939652BCB867FD5C	Tushy	01/07/2018 09:52:31	08/19/2017	08/24/2017	15894022311
18	23C75D98A22B6821F255E85F2ED58CC5CEC8E2DD	Blacked	09/28/2017 13:46:32	09/27/2017	10/10/2017	PA0002057451
19	23CBED3813DD9DE68B4DA0E04F9F4ABCD9A951CA	Vixen	11/20/2017 03:53:55	03/25/2017	06/05/2017	PA0002050771
20	23EB7D7E16DD92EC70D4F119FBC6039307E914E7	Tushy	10/16/2017 13:29:41	10/13/2017	10/22/2017	PA0002058299
21	289FE7D65DFCFACB416832D12862105A2762841A	Blacked	10/26/2017 21:51:39	05/10/2017	06/22/2017	PA0002039285
22	2D0A58AC281F78D3727962D95C09C7F154AE8142	Blacked Ra	01/07/2018 08:38:05	01/02/2018	01/18/2018	16215824133
23	31148997CD9F0DD687B5322CE359E163DE2BFAA7	Blacked	01/07/2018 15:06:49	12/26/2017	01/18/2018	16215823966
24	3322700996A03ADC28816C7F4921A496821C476B	Blacked	10/30/2017 18:15:10	07/09/2017	08/17/2017	15732782151
25	360CF572729CEB5E07FB70C3474B63D47FE52E02	Vixen	01/07/2018 14:47:18	11/25/2017	12/17/2017	16159428912
26	3899DF23466A4A4C58CA53479AE6CF8DD8BEF4C2	Tushy	01/07/2018 15:11:24	12/27/2017	01/18/2018	16215823711
27	3AF67ADE722E77AF5C23A9FB165F53CADB24E1AC	Blacked Ra	12/07/2017 15:18:56	11/28/2017	12/17/2017	16159649278
28	3E770665FF14213C98B2746B028AE2F335C6569B	Blacked	11/02/2017 21:17:17	11/01/2017	11/15/2017	16013342262
29	42E4AF737E32F892FCAAC72B728514CEED0B562B	Vixen	10/17/2017 11:59:43	10/16/2017	10/22/2017	15918925812
30	435ACBFEE6F7D35AEB73DBED1A165D6A9121AAEB	Blacked	12/02/2017 00:50:08	11/21/2017	01/04/2018	PA0002069353
31	43AF666D13FBC2B12953D257F6CA4935FC3CD7B5	Blacked Ra	01/08/2018 12:52:00	01/07/2018	01/18/2018	16215824015
32	4BAFD5ED68B2CF55225D8621D9D2D315ACD25C05	Vixen	10/28/2017 20:58:28	06/23/2017	07/07/2017	PA0002070829
33	4D82ADD27F7568F6D59A64F777E43A27BD64652E	Tushy	01/07/2018 08:55:24	11/22/2017	01/04/2018	PA0002069339
34	57D55CF2E1C375BBFAB76A1226219452189BF550	Blacked Ra	01/08/2018 07:40:09	12/03/2017	12/17/2017	16159429180

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35	57F9F943AA3D32EC352242501746C32BF0852915	Blacked Ra	10/27/2017 00:24:24	10/24/2017	11/15/2017	16016503680
36	64683F0353A903719B39E742A35B975B17849BF7	Vixen	07/30/2017 17:43:48	07/28/2017	08/10/2017	PA0002046871
37	65CF8DA2D031F334F39B20014B15DA107B9EAA15	Blacked	08/11/2017 03:50:07	08/08/2017	08/17/2017	15732904191
38	6671533EE8277923DF4254534389F8630C5BF901	Blacked	11/19/2017 15:50:19	11/16/2017	11/18/2017	16020392782
39	673A29DD856118A485EA6E5D6A9ACEE12CE8929A	Vixen	10/26/2017 18:38:54	04/09/2017	06/05/2017	PA0002052836
40	715C2B25BDAD9A8397CBBA8D15356FDE24B5BC94	Vixen	11/20/2017 11:26:03	11/10/2017	11/21/2017	16013343018
41	71E3A2888C2DB58BBCE9353A68D2FF80359E304A	Blacked	10/21/2017 00:20:32	06/29/2017	07/07/2017	PA0002070821
42	76643D3E3E7CE8687DD1596C2359DD458143381D	Vixen	10/16/2017 11:50:49	09/26/2017	10/10/2017	15894022782
43	771C669842BE814DA19F886EDF5E759B0EC4BF37	Blacked	10/30/2017 18:48:30	07/04/2017	07/07/2017	PA0002070819
44	77537958D009D974B9970112342BCA232614C16F	Blacked	01/11/2018 13:02:45	01/10/2018	01/18/2018	PA0002070942
45	7AA9EE0B623B3876BDBBB4854D311BA014697009	Blacked	11/16/2017 12:53:13	11/11/2017	11/21/2017	16016503414
46	7B57FCC04E365EC8AFA37E1EEDD1AEC885BB92B3	Blacked	12/07/2017 16:04:28	12/06/2017	12/17/2017	16159688299
47	8519F3BB18D38EB8472CD07987B1BC2224E7EC22	Vixen	10/26/2017 17:25:42	10/11/2017	10/22/2017	15918925932
48	87894E3FA489B812EA1EDF9CCFE61C6FABBFFED	Blacked	12/02/2017 02:43:15	12/01/2017	12/17/2017	16159649724
49	901129DA9629352ECBB99FF90FE06A5F749AF4DD	Blacked	11/04/2017 07:47:44	09/12/2017	09/20/2017	PA0002052846
50	9173A8B174205520944B72A79E7D8AC25CF447E2	Vixen	10/08/2017 10:23:59	10/06/2017	10/22/2017	15918925981
51	933264A7E1BE372770286D56E1E2640F4BE36D81	Tushy	01/07/2018 09:20:10	12/22/2017	01/18/2018	16215823592
52	9642336EA4BCA83AB7154CFDFA1091ECBFD98B7A	Blacked	09/18/2017 12:02:12	09/17/2017	09/25/2017	15894023110

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53	9721A32E2CBD9B2BF2CB77378E346C80620F83E4	Vixen	09/12/2017 19:42:23	09/06/2017	09/14/2017	PA0002052844
54	9C80B087C925D30BA01F72FC0EAABD8EAADF588A	Blacked	08/19/2017 15:01:21	08/18/2017	08/24/2017	15894022488
55	9F5E2E0229F4448AB05192505E44AB9AB404EC0F	Vixen	09/09/2017 00:21:41	07/13/2017	08/10/2017	PA0002046873
56	A342244F2E0287F7EB6E897441849848F8A7D7A5	Vixen	11/20/2017 03:19:12	06/18/2017	07/07/2017	PA0002070833
57	A66737A2C0C052A322F7121CB249A59EEBB0E177	Blacked	11/01/2017 00:55:57	05/30/2017	06/22/2017	PA0002039295
58	AB6FFB0FD899B425F25C5D577CC4811AF5EC369B	Blacked	10/30/2017 15:28:32	07/19/2017	08/11/2017	PA0002046876
59	ABDFB02F5D20E29C32ABCE90A8478787DDA3C11D	Tushy	10/28/2017 23:11:01	06/10/2017	07/07/2017	PA0002074096
60	AFA4C44023577E2A90E1CFA8DB69A6F5D035B1D2	Blacked	09/08/2017 23:29:14	09/07/2017	09/14/2017	PA0002052840
61	B0FE13ECF5F84AEAC8C53B134AC336CFB843CF0D	Blacked	10/28/2017 19:12:06	10/27/2017	11/15/2017	16016503839
62	B12E9B6A6556D135F2C964CEE5D4C0141AE83EC8	Vixen	08/28/2017 15:14:00	08/07/2017	08/17/2017	15732904013
63	B219D12248F1CA666493E6415186170418E22D01	Vixen	01/07/2018 13:27:06	12/05/2017	12/17/2017	16159649863
64	B378CAEB9DFA80E256C29E523B89DDF82169A9A8	Vixen	11/20/2017 02:49:18	07/08/2017	08/17/2017	15732903239
65	B707512E8E5AFBF298A9B9F8654E2BB535D1CCE7	Vixen	09/14/2017 08:35:35	09/11/2017	09/20/2017	PA0002052839
66	BA56E328AE2DBA8A20B327451656293E37FDAE35	Blacked	10/30/2017 18:04:14	05/15/2017	06/22/2017	PA0002039283
67	BC8CCB2274A5E7EC5CC5AF8F5DC221BD4065CA2E	Vixen	10/26/2017 18:23:57	05/04/2017	06/16/2017	PA0002069283
68	BE3C7E08A25F7E1BAB1ADBA3B168C1BF40ABB688	Blacked Ra	01/07/2018 09:19:20	12/28/2017	01/18/2018	16215970231
69	C341AC19AAF42185652B5AD8AA85ADDC9ED72B2C	Vixen	01/07/2018 02:42:08	12/25/2017	01/18/2018	16200019612
70	CB9ABC2B058CADE2FA7C0BD6A20558DC0E46EB0D	Blacked	10/30/2017 12:29:04	06/19/2017	07/07/2017	PA0002070823

Work	Hash	Site	UTC	Published	CRO App. File Date	CRO Number
71	CC4D89C30BD65D68546BCF62ACE381585BD879EF	Blacked	10/30/2017 18:13:24	04/25/2017	06/15/2017	PA0002037576
72	CD6294A1E374A9314470B69751116A79B32C1E56	Blacked Ra	11/19/2017 16:32:59	11/18/2017	01/02/2018	PA0002068867
73	D03BF7C43A2F989CD84F9B6037D4941B7C616ED0	Blacked	10/30/2017 17:46:57	06/14/2017	07/07/2017	PA0002070824
74	D2EB460A7C696C3A9D62EDCD797DDDD07094F2D5	Blacked Ra	11/16/2017 13:13:14	11/13/2017	11/21/2017	16020392832
75	D31CBC39E31EA20141EB847E24725F06CFC004AB	Blacked	10/30/2017 15:24:35	04/05/2017	06/05/2017	PA0002052859
76	D426A2D6E52831784821746CD52676CA758A10BA	Tushy	12/14/2017 13:10:42	12/07/2017	12/17/2017	16159649536
77	D629C1BE08933BB60DF199F6F24E3812EA2C6C73	Blacked	10/16/2017 11:40:24	10/12/2017	10/22/2017	PA0002058296
78	DDD2B1604C70AD3DA7C202C04003CF9E281209D4	Blacked	10/30/2017 17:12:16	03/26/2017	06/05/2017	PA0002052857
79	E10259BB09AFE9410D944641E94048900ADEF0F2	Blacked	12/14/2017 13:11:48	12/11/2017	12/17/2017	16159650140
80	E2E738A023ED0C5032A028D5D3AC7DB55D80DDC7	Vixen	01/07/2018 10:10:44	11/20/2017	01/04/2018	PA0002069354
81	E4BB4B0185636612E25A2955F474B4494789F63C	Blacked	10/30/2017 15:12:31	10/07/2017	10/22/2017	PA0002058300
82	E69BB37CE99BE570CC9EB659F45DDEF6E740E3BE	Blacked	10/30/2017 15:00:43	08/13/2017	08/17/2017	15732986356
83	E908502C7AD99DF5325459A01B9A589923906085	Tushy	11/04/2017 10:19:24	11/02/2017	11/15/2017	16013254789
84	EB7AE91B0DD3565F29908CB6FB8ED993D709A162	Blacked	10/20/2017 18:55:15	07/14/2017	08/11/2017	PA0002046878
85	EE11043249D2C1362E7B74CCD7973EECEFBAD1C	Tushy	08/03/2017 06:45:51	07/25/2017	08/11/2017	PA0002046870
86	EE39528C7065FF52B465D599BA395BF972CD06E6	Blacked	10/30/2017 14:52:14	04/30/2017	06/15/2017	PA0002037580
87	EE7B431D4EF0439F713DA25D5DE5094C4F92B6C9	Vixen	11/20/2017 03:09:44	10/21/2017	11/15/2017	16016503512
88	F011B5C1E76C5CD712DADA5DF9CE66184EAA72B2	Blacked	12/02/2017 02:02:43	10/17/2017	11/15/2017	16013343097

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89	F0310DE0CA3D0D5F0B9E1A72B974400A25224DCB	Blacked	08/26/2017 01:07:30	08/23/2017	08/24/2017	15894022831
90	FD622BCB0843A8B0A5C4FAAD98CA90F0DC55A559	Blacked	09/23/2017 12:14:41	09/22/2017	10/02/2017	PA0002057455